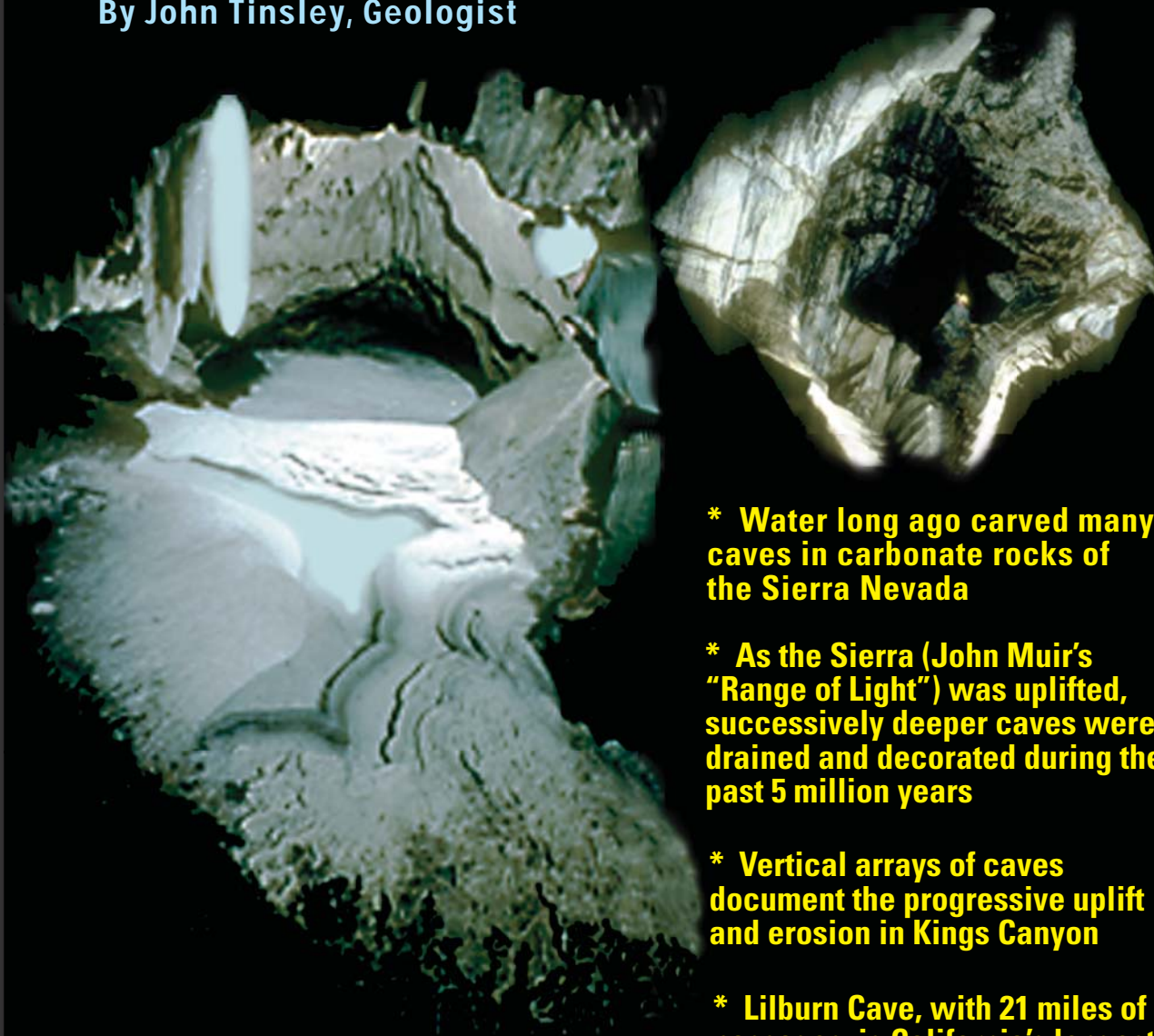


Dark Holes in Muir's "Range of Light"

Insights from southern Sierra Nevada caves and karst

By John Tinsley, Geologist



August 30, 2007, 7:00 p.m.

**U.S. Geological Survey
Conference Room A, Bldg 3,
Menlo Park, California**

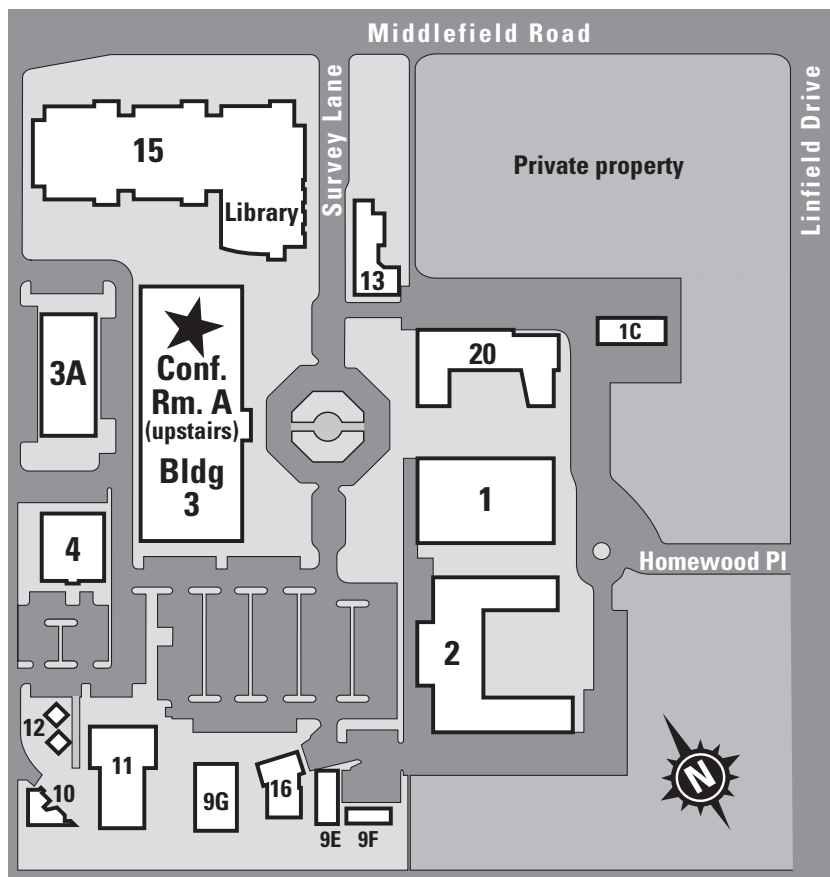
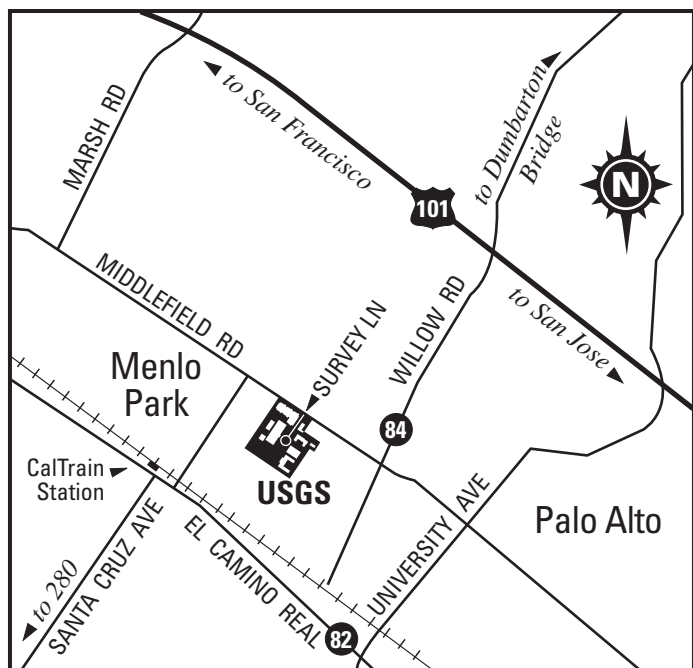
- * Water long ago carved many caves in carbonate rocks of the Sierra Nevada
- * As the Sierra (John Muir's "Range of Light") was uplifted, successively deeper caves were drained and decorated during the past 5 million years
- * Vertical arrays of caves document the progressive uplift and erosion in Kings Canyon
- * Lilburn Cave, with 21 miles of passages, is California's longest
- * New spectacular and pristine caves are still being discovered as recently as 2006



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